# PINE-CROFT NURSERIES HAMPTON ROAD EXETER, N. H.

	present	See No.
HARDY MUMS	UNIV. OF N. H. GRANITE SERIES MUMS Winter hardy, rugged vigorous	1 - 8
HARDY MUMS	THE NEW KRAUS (OREGON) CREATIONS  Exciting and colorful new hybrids	9 - 13
HARDY MUMS	THE NEW LEHMAN MUMS FROM MINNESOTA  Best of the early garden varieties	16 - 18
HARDY MUMS	NEW MUMS FROM THE UNIVERSITY OF MINNESOTA Additions to a long list of fine early varieties-	14 - 15
MONARDA	GRANITE PINK BEE FALM FROM UNIV. OF N. H. Fine dwarfer form of popular Croftway Pink	88
PHLOX	OUTSTANDING NEW HARDY PHLOX VARIETIESCarefully selected for the colorful garden	89 - 95
AJUGAS	OUTSTANDING LONG BLOOMING PINK FLOWERED VARIETY Also a vigorous bronze leaved, purple fl. type.	82 - 83
RASPBERRIES	THE NEW DURHAM EVERBEARER FROM NEW HAMPSHIRE Earliest good fall bearer available today	74
RASPBERRIES	THE NEW HAMPSHIRE RASPBERRY NEWEST RELEASE Vigorous, heavy bearing variety from N. H.	75
STRAWBERRIES	HEAVIEST YIELDING "VIRUS FREE" VARIETIES	67 - 72
STRAWBERRIES	THE OUTSTANDING IWENTIETH CENTURY EVERBEARER	73
LILACS	THE TOP LILAC VARIETIES OF THE UNITED STATES	103 - 109
LILACS	UNIVERSITY OF NEW HAMPSHIRE LATE HYBRIDS	110 -111
NUTS	FILBERT-HAZELNUT HYBRID SEEDLINGS	117
BUSH CHERRY	NANKING CHERRIESORNAMENTALEDIBLE FRUIT	99 - 101
OTHER	OTHER PERENNIALSSMALL FRUITSORNAMENTALS	as listed

(See last page for instructions regarding remittance and shipment)

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FLANT MORE HARDY CHRYSANTHEMUMS
for
BRILLIANT FALL COLOR IN YOUR GARDEN
and
QUANTITIES OF LONG LASTING CUT FLOWERS

#### MUMS are IDEAL PERENNIALS because they--

#### THE GRANITE SERIES

Rugged, new, hardy mum creations from the University of New Hampshire (Originated and named by Prof. Elwyn Meader in 1955)

Vigorous and fast growing

Weather and frost resistant

Rugged and winter hardy

Make excellent cut flowers

#### Colorful and beautiful

RED VARIETIES

(1) Granite Promise -- Single 3" brick red flowers on tall strong stems. Fine for bouquets. Storm and frost resistant. A real addition to any garden.

(2) Granite Radiance -- Glossy red double 3" flowers on sturdy stems. Very resistant to wind, rain, cold and frost. A favorite with many.

(3) Granite Ranger -- Brick red 2 ½" flowers. Semi-double with crested centers surrounding a greenish disc. Borne on strong stems.

BRONZE VARIETIES

(4) Granite Bronze -- Sparkling 2 ½" flowers, double at first, but showing a greenish center with age. Very attractive even after they age. A very rank grower, so do not over-fertilize.

#### ORANGE VARIETIES

(5) Granite Harvest -- A very vigorous light orange variety with 2 ½" semi-double flowers on 24" stems. Bears flowers abundantly.

#### YELLOW VARIETIES

(6) Granite Buttercup -- "Burnt gold" poms on strong 26" inch stems.

(7) Granite Gem -- Bears huge quantities of double or semi-double tight gold roms on 18" - 24" symmetrical plants. Very fast growing. Our June set rooted cuttings made plants 24"-48" wide by fall. Foliage gray-green and very wiry stems.

(8) Granite Glow -- Light yellow single flowers on strong straight stems. Nice addition to bouquets and frequently requested by customers.

## Prices on rooted cuttings of Granite Series Mums

Price each in lots of: One 2-4 5-9 10-24 25-99 100 up
Separate varieties(lab.) 50¢ 40¢ 35¢ 30¢ 25¢ 20¢
Assorted var.(unlabeled) -- -- 30¢ 25¢ 20¢ 15¢

## THE 1955 AND 1956 KRAUS ORIGINATIONS

Dr. E. J. Kraus of Oregon is the outstanding breeder of hardy chrysanthemums in the United States. All his introductions are worthy additions to any garden. These newest introductions are in very limited supply but we have included them so you might have the opportunity to grow at least a few of them in your 1956 mum garden.

(See next page for listing)

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## 1955 AND 1956 KRAUS (OREGON) VARIETIES (cont.)

(9) Jessamine Williams (1956) Double rayonnante type. Fetals quilled and spoon tipped with greenish centers opening to white. Interesting coloring, flowers 2-4" across on 12-18" plants. Fine for cut.

(10) Mount Hood (1956) Flower centers opening with greenish-cream-primrose combination into large 3-4" white incurved flowers. Fine growth habits,

making excellent pot plants.
Ruby Breithaupt (1956) Large primrose yellow, finally changing to cream. (11)Flowers about 5" across with overlapping petals. Good growth habits. Good pot plant, about 18". Excellent cut flower.

Rosetone (1955) Lavender rose with 4 ½" incurved flowers.

(13) Mohave (1955) Golden bronze, reflexed 42" flowers.

### LATEST UNIVERSITY OF MINNESOTA INTRODUCTIONS

The University of Minnesota has introduced many fine early garden mums. Some of these are included in our general list below.

Wenonah -- A very early (late Aug.) double pink, with 1 1/2-2" fl.

Vulcan -- Rosy red 21-3" flowers borne on a disease resistant plant growing 18" high and 18"-24" wide.

## 1956 LEHMAN INTRODUCTIONS (EARLY VARIETIES ONLY)

(16) Furple Spoon (1956) Very early spoon in soft purple. Makes a good companion cut flower to go with White "Snow Spoon"

Purple Waters (1956) A free blooming deep purple, mid-Sept.

Adorable (1956) A fine clear bright rose pink for Mid-Sept. Very showy and colorful in the garden.

PRICES ON KRAUS, UNIV. OF MINN., AND LEHMAN VARIETIES (9 - 18) ABOVE Rooted Cuttings, each,  $60\phi$ . Three of a variety, \$1.50.

#### OTHER TESTED AND PROVEN CHRYSANTHEMUM VARIETIES

WHITE VARIETIES (ORIGIN (19) Candlelight (Minn.) (20) White Cloud (Neb.) (21) Snow Spoon (Kraus) (22) White Rice (Kraus) (23) Chris Columbus	M.Sept. M. M.Sept. M. L.Sept. M.	DIA. Fl. DESCRIPTION 2" Ivory white, fine sturdy plants. 3-4" Pink cast, turning white. 3" Beautiful early spoon, fine cut. 2 ½" Bun shaped, quilled retals. 2" Outstanding as a cut flower.
(30) Rosa(Wyoming) (31) Successor(Becker)	E.Sept. M E.Sept. T. E.Sept. M. )M.Sept. S M.Sept. T M.Sept. S	2 ½" Light pink, gold centers. 2 ½" soft lav. pink; fine cut. 2 ½" Splendid deep bright pink. 2 ½" Dainty blush pink; sturdy. 2" Orchid pink; very pretty. 3" Flesh pink; fine for cut. 2 ½" Hardy bright pink cushion. 2-2½" Red centers; striking. 1 3/4" Semi-db. rose pink cushion. 2 3/4½ Semi-db.rose pink; Good cut.

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#### HARDY CHRYSANTHEMUM VARIETIES (Cont.)

FURFLE VARIETIES (ORIGIN)	Alternative to the course of the special section of the special section of the special section of the section o	DIA. DESCRIPTION FL.
(36) Chippewa (Minn.)	E.Sept. M. E.Sept. M M.Sept. M L.Sept. M	2" Semi-db.lav. pink; good cut. 2 ½-3" Beautiful bright purple. 2 ½" Fine aster purple 3" Fine bright frost Resist fl.
RED VARIETIES		
(38) Red Gold (Minn.) (39) Pearl Parkinson(N) (40) E.Crimson (Lehman) (41) Glowing Coals(Kraus (42) Adventure(Colprit) (43) Sept. Cheer (44) Rosedust(Kraus)	E.Sept. S M.Sept. M )M.Sept. M M.Sept. M L.Sept. S	2" Early red and gold.  3" Orange red from Neb.  2" Bright crimson; good cut.  2" Our best cherry red.  2" Bright orange red; popular.  2" Glowing cherry red cushion.  2 \frac{1}{2} - 3" Abundant cherry red fl.
YELLOW VARIETIES		
(45) Reverence(Kraus) (46) Sunapee(Univ.N.H.) (47) Golden Hours(Kraus) (48) Winchell's Gold (49) Ruthann Lehman(Leh) (50) Exeter(Univ. N.H.) (51) Pathfinder(Neb.) (52) Good Sport(Colprit)	E.Sept. M E.Sept. M M.Sept. M. M.Sept. S L.Sept. M	3" Fine amber yellow flowers.  2" Free flowering golden yellow  2 ½" Deep lemon chrome; fine.  3" Showy; excellent for cut.  4" Beautiful canary yellow.  2" Golden yellow; very hardy.  3" Carnation fl. bright yellow.  2 3/4" "Old gold" fl.; strong stems.
BRONZE VARIETIES		
(53) Harvest Bronze(Minn (54) Nashua(Univ. N.H.) (55) Autumn Beauty(Minn) (56) Old Dover(Colprit) (57) N.H. Bronze(N.H.) (58) Harbinger(Kraus) (59) Franconia(Univ.N.H. (60) Flainsman(Neb.) (61) Chestnut(Kraus)	E.Sept. M E.Sept. S E.Sept. S E.Sept. M M.Sept. M L.Sept. MT	3" Very early lg. fl. bronze.  2" Early hardy bronze  2 ½" Fine reddish bronze  2 ½" Vigorous hardy lt. bronze.  2 ½" Very hardy salmon bronze.  2 ½" Nice maple colored bronze.  1 ½" Frost resistant hardy pom.  3" New carnation fl. bronze  1 ½" Deep reddish chestnut.
PRICES ON ROOT	ED CUTTINGS OF ABOV	VE VARIETIES(NUMBERS 19-61)
Price each in lots of; Separate var. labeled Assorted, unlabeled	1-2 3-9 35¢ 25¢ 30¢ 20¢	$     \begin{array}{ccccccccccccccccccccccccccccccccc$
	ew Hampshire Variet	OU (Labeled except as noted) ties Collection (One each of 12 differen

- (62) The University of New Hampshire Varieties Collection (One each of 12 different varieties (12 rooted cuttings) \$5.00; 3 col. \$12.50.
- (63) The All Color Cut Flower Collection (Two plants of each color (12 rooted cuttings) \$4.00; 3 collections for \$10.00.
- (64) The Earliest Blooming Collection (Two each of the earliest varieties in each color (12 rooted cuttings) \$4.00; 3 col. for \$10.00
- (65) Our Hardiest and Ruggedest By Test Collection (Two varieties of each color which have proven best able to stand neglect and which have come through each winter without protection (12 rooted cuttings labeled for \$4.00; 3 col. for \$10.00.
- (66) The Lowest In Price Collection (100 rooted cuttings, including all colors in good variety but unlabeled-\$10.00; 3 col. for \$25.00

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## CHRYSANTHEMUM FLANTS AVAILABLE AT NURSERY

Rooted Cuttings available as indicated above at 10¢ to 60¢ each. Transplants available in June-July-August at 20¢ to 75¢ each. Field Clumps available April-May and late August through October at prices from \$.50 to \$1.50 each boxed or potted.

WHEN CAN MUMS BE PLANTED? They can be successfully planted all season long. Rooted cuttings are usually planted in May or June, but if planted before danger of frost is over, should be protected. We have grown many plants one to three feet in diameter from rooted cuttings planted in late June.

TYPES OF FLANTS SHIPPED We ship only rooted cuttings but sell all types of plants at the nursery. Shipments will be made in 1956 in May and June only, unless by special arrangement. Order early and we will be more liberal on extra plants.

MINIMUM ORDERS ON MUM PLANTS We cannot accept mail orders for Mum plants amounting to less than \$1.00 regardless of the size of the total order. See page 8 relative to postage on orders.

STRAWBERRIES-HIGH YIELDING VARIETIES FOR THE NORTH--We recommend "virus free" plants if they are available. A few large nurseries are cooperating directly with the United States Department of Agriculture in developing "virus free stocks". Such nurseries receive virus free plants directly from the U.S.D.A. and propagate them in large screened areas. A rigid dust or spray program is then followed when transplanted into the field. Such stocks should be offered as "essentially virus free" or grown from stocks that were tested for virus, and found free.

We will order out any of the top six varieties in "virus free" strains from a leading nursery doing such work because we feel that you have a much better chance of getting clean stock from those working directly on the program.

(67) Howard 17(Premier) -- Still the leading commercial early variety.

(68) Vermilion (New Mid-season variety from the Illinois Station) (69) Catskill -- A handsome, good quality mid-season, large berry. (70) Robinson -- Bares well even in poor soils. Popular Mid-season.

(71) Sparkle--Very high quality late berry; keeps well. Good freezer.

(72) Paymaster -- This was an outstanding new variety for us and well worthy of trial. (Virus free stock from another source)

Above "virus free" stocks--(25 for \$1.45) (50 for \$2.00) (100 for \$2.95) Except

Paymaster which is: (25 for \$1.95) (50 for \$2.95) (100 for \$5.50)

(73) EVERBEARING STRAWBERRIES -- We have grown most of the everbearing varieties over years and have found that the "Twentieth Century" is so far superior to other varieties that we offer it and recommend it in place of any other. Price -- (25 for \$2.75 (50 \$4.25) (100 - \$6.95)

(74) DURHAM EVERBEARING RASPBERRIES -- Earliest and most vigorous fall bearing raspberry available today. Bears on new canes from late August until freezing weather. Berries red, large, conical. Our plants are double inspected and guaranteed both virus and root gall free. Few nurseries do this. Durham is a New Hampshire Station introduction. Prices -- No. 1 plants, (25-\$3.95) (50 - \$7.50); (10) for \$14.25)

(75) NEW HAMPSHIRE RASPBERRY -- A 1955 New Hampshire Station introduction. A heavy producing, vigorous, hardy variety worthy of trial. Plants are still very scarce. Price (5-10) 75¢ ea. (10-25) 65¢ ea.

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- CULTIVATED HYBRID BLUEBERRIES -- (76) Rancocas (early) and (77) Jersey (late)
  Price on 3 and 4 yr. plants with ball of dirt \$1.95 (nursery only)
- (78) ASPARAGUS--Mary Washington l yr. plants. 25 plants for \$1.50; 50 for \$2.75; 100 for \$4.50.
- (79) RED RHUBARBS--Best red varieties. Entire plants \$1.50; Divisions 50¢ each. (At nursery only)
- OUTSTANDING HARDY PERENNIALS

  (80) HARDY PRIMROSES--In gorgeous colors. Deserve a rlace in every garden. Plant in shaded areas. Bloom here in late April and May. Blooming size clumps at nursery only--Prices 50-75¢ ea.
- (81) COLUMBINE--are available in beautiful color combinations. We have the new McKana Hybrids (1955 All-America selection). Will grow in partial shade. Blooming size, 2 yr. plants.  $50-75\phi$  ea. at nursery. (By mail- $75\phi$  ea.)

AJUGA--Colorful ground cover for shade or sun. Good for holding a bank as they have heavy roots.

(82) Pink Flowered Ajuga blooming in May and June; green leaves; clumps @  $50\phi$ ; Divisions 10 for \$2.50

- (83) Furple flowered bronze-purple leaf Ajuga; more intense color in fall; very fast growing. Clumps  $35\phi$ ; Div. 25 for \$2.50.
- (84) VIOLAS -- Assorted colors, blooming size, 20-35¢ ea. (Nur.)
- (85) RUSSELL LUPINES--are by far the finest strain. Furnish a riot of color in early summer.  $35-75\phi$  each. (By mail,  $50\phi$  ea.)
- (86) IRIS (GERMAN) -- We have some good varieties in all colors for sale at nursery only. Make selections when in bloom. Prices 35¢ up.
- (87) PACIFIC HYBRID DELPHINIUMS -- We grow only from the best seed to be obtained. Blooming size plants at nursery only -- \$.50 to \$1.00.
- (88) GRANITE PINK MONARDA OR BEE BALM--A new dwarf form was named by the University of New Hampshire in 1955. Blooming size plants at the nursery with ball of dirt \$1.00 each. Rooted cuttings by mail at 3 for \$1.00.
- (89) HARDY PHLOX IN THE FINEST NAMED VARIETIES

  Mary Louise (White) Finest large flowered white available.

(90) Border Queen (Rose pink) An outstanding variety.

(91) Spitfire (Salmon-orange) A brilliant and outstanding variety.

(92) Purple Krome (Purple) One of the best of its color. (93) Leo Schlagaeter (fiery red) Stands out in the garden

(94) San Antonio (Plum red) A big showy variety
Prices (3 of a variety, \$1.50 (95) Collection six fine colors, \$2.50
Prices above refer to plants shipped before June 1 and after Sept. 15.
We have many other fine varieties available at the nursery. When sold with a ball of dirt, as becomes necessary when in bloom, prices range from 50¢ to \$1.00 each.

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### FLOWERING AND OTHER ORNAMENTAL SHRUBS -- OTHER STECIALTIES

NEW LARGE FLOWERED FORSYTHIAS--The Arnold Arboretum has released two large flowered forsythias with flowers 12 to 2 times the width of those on the common border forsythia.

(96) Arnold Giant--Flowers 12" in dia.; golden yellow.

(97) Fourani -- Flowers 2" in dia. Golden yellow.

Prices either variety--Plants 6"-12" tall, \$1.00 ea. (mailable)

(98) Showy Border Forsythia in large sizes at nursery \$1.25 up.

NANKING CHERRIES -- A very early blooming hardy shrub which bears cherries similar to an ordinary sour or pie cherry, but smaller in size. (Each)

	1-2	3-4	5=9	10 or more	w.s. access
(99)Sizes 6"-12"	, \$.50	.45	. 40	• 35	(mailable)
(100)Sizes 12-18"	•75	.70	.65	.60	
(101)Sizes 4-6'	2.75 each	at nur	rsery or exp	press collec	t.

LTLACS--EARLY--MITSEASON AND LATE BLOOMING HYBRIDS--The lilac is the New Hampshire State Flower and all residents should have some of the best varieties to furnish bloom over a long season. The Arboretums in "Lilacs of America" list about 800 named varieties. But out of this long list Lonald Wyman of the Arnold Arboretum and other lilac specialists have picked a list of outstanding varieties. Our own list is made up of these top varieties. (Numbers 102-109-express collect)

(102) EARLY BLOOMING LILAC HYBRIDS--Louvois, deep violet-purple single 2-3' at \$3.50 each. (Express collect)

FRENCH HYBRIDS or MID-SEASON VARIETIES OF LILACS Price (103) Double White (Ellen Willmott), the top white--18"-24" -- 2.75 (104) Blue Single (Pres. Lincoln) The top rated blue (105) Double Pink (Katherine Havemeyer) The top pink 18"-24" -- 2.75 12"-18" --(106) Single Wine Red (Congo) The top red single 24"-36" --(107) Double Rose Red (Faul Thiron) The top red (108) Single Deep Purple (Ludweig Spaeth) The best 18"-24" --18"-24" (109) Double Deep Furple (Adelaide Dunbar) The best LATE BLOOMING HYPRIDS -- Bloom after the others are done.

(110) Univ. of New Hampshire No. 3 Pink--Transplants of rooted cuttings.

(111) Univ. of New Hampshire Macfarlane (deeper pink than No. 3 above)
Rooted cuttings transplanted (No. 109) \$1.00 ea. (No. 110) \$1.50 ea.

(112) KOREAN OLIVE -- A shrub with silvery leaves, fragrant flowers, and berries turning reddish color in fall. Flants 516! \$2.25 ea.

EVERGREEN EUONYMUS--The two varieties of evergreens offered here are suitable for use as vines, ground cover or shrubs. They also bear orange colored fruits in the fall. Will climb a stone or brick wall or serve for foundation plantings

6"-12" 12"-18"

(113) Big Leaf winter creeper, light green leaves (mail) \$.75 \$1.25 (114) Narrow Leaf Wintercreeper (dark green leaves) " .75 1.25

- (115) MOCK ORANGE--A fast growing shrub bearing fragrant cream colored flowers in June. Flants 4'-6' at \$1.75 each. (Express collect)
- (116) RED TARTARIAN HONEYSUCKLE--Plants 3'-5', \$1.75 at nursery only.
- (117) FILBERT-HAZELNUT INTER-POLLINATED SEEDLINGS-Bearing age plants 4'-6'. Price each in lots of 1-2 3-5 5-9 10 up

  (Express collect or at nursery) \$2.00 \$1.75 \$1.50 \$1.25

MINIMUM ORDERS -- No mail order shipments under \$1.00

PREPAYMENT OF ORDERS-- Where amount of order is:

(Add for postage as shown) \$1.00-\$5.00 \$5.00-\$15.00 up

New England Add 15% Add 10% Prepaid

North of Tenn., N. Car. and East Miss. R. " 20% " 15% Add 10%

Balance of U.S. " 25% " 20% " 15%

Any excess amount for postage will be refunded to you.

EXPRESS SHIPMENTS--Shipments will go express collect unless an amount is added to cover postage. All shrubs will go express collect unless marked mailable.

REFERENCES -- Exeter Banking Company, Exeter, N. H. Any official in the Horticultural Dept. or Extension Service, University of New Hampshire, Durham, N. H.

OWNERSHIP--Lawrence A. Dougherty. Associate--Donald A. Dougherty

NURSERY LOCATION -- On Hampton Road (N.H. 101 C) 2 miles east of down-town Exeter and 3 ½ miles west of the N.H.-Maine Toll Road Outlet just west of Hampton, 48 miles from Boston.

TELEPHONE--Exeter Pr 2-2201

ASSOCIATIONS--Member Massachusetts Horticultural Society, Boston, Mass. The New Hampshire Plant Gorwers Association, Durham, N. H., The National Chrysanthemum Society.

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PINE-CROFT NURSERIES
Hampton Rd.
Exeter, N. H.

YOUR 1956 PRICE LIST

THE FINEST IN HARDY MUMS

PERENNIALS
ORNAMENTALS
SMALL FRUITS

Return postage guaranteed